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2015 Defense Health Information Technology Symposium

Evolution in the Delivery of Solutions to the MHS



"Medically Ready Force...Ready Medical Force"

DHA Vision



“A joint, integrated, premier system of health, supporting those who serve in the defense of our country.”



“Medically Ready Force...Ready Medical Force”

Learning Objectives



- Describe the Solution Delivery Division (SDD) design and concept
- Demonstrate efficiencies in programmatic and integration areas
- Analyze the application transition process that brings in former Service (Army, Navy, Air Force) applications
- Discuss sustainment responsibilities for the Defense Healthcare Management Systems Modernization (DHMSM) Electronic Health Record (EHR)

Agenda



- Solution Delivery Division (SDD) Regorganization
- SDD Organization
- SDD Program Management Office Overview
- SDD Branch Overview
- Priorities
- The “Why”

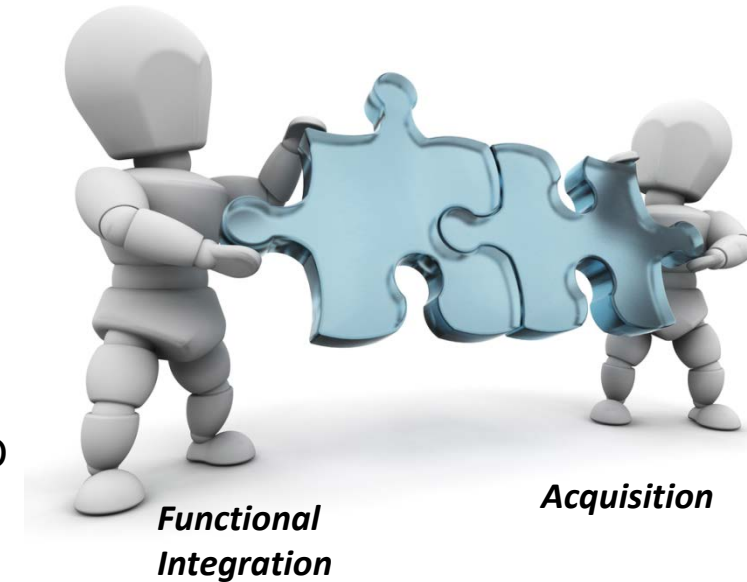
Evolution of Solution Delivery

■ Oct 2013

- ❑ DHA Health IT (HIT) Shared Service
- ❑ Solution Delivery Division (SDD)
 - CMIO staff and functions
 - Service Applications (e.g. S3)
- ❑ PEOs untouched

■ Feb 2015

- ❑ Former PEOs DHCS and DHSS absorbed into SDD
- ❑ Consolidation of applications
- ❑ Combining functionals, integration and acquisition



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Evolution - SDD Reorganization



- Culture change is hard
- Matrixed organization
- Work not finished
 - ❑ Drive standardize to lowest level
 - ❑ Find economies

Tenants

- Find value and efficiency
- Build trust
- Bottom up design
- Standardize – tools, processes, framework
- People are your best resource

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Solution Delivery Division



■ Mission

Deliver information technology solutions to the Military Health System through expert acquisition program management, process reengineering, training and integration activities in order to support and advance the delivery of health care to our patients.

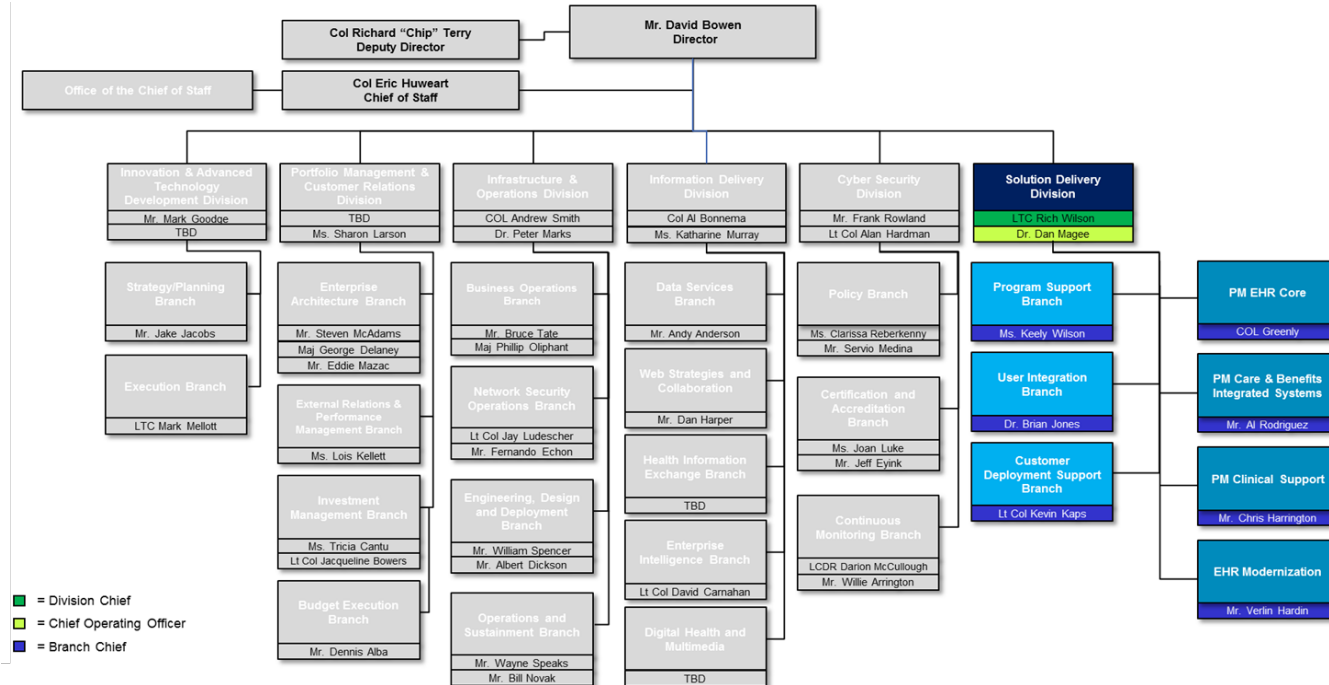
■ Vision

To become the world class leader in health information technology solutions and integration.



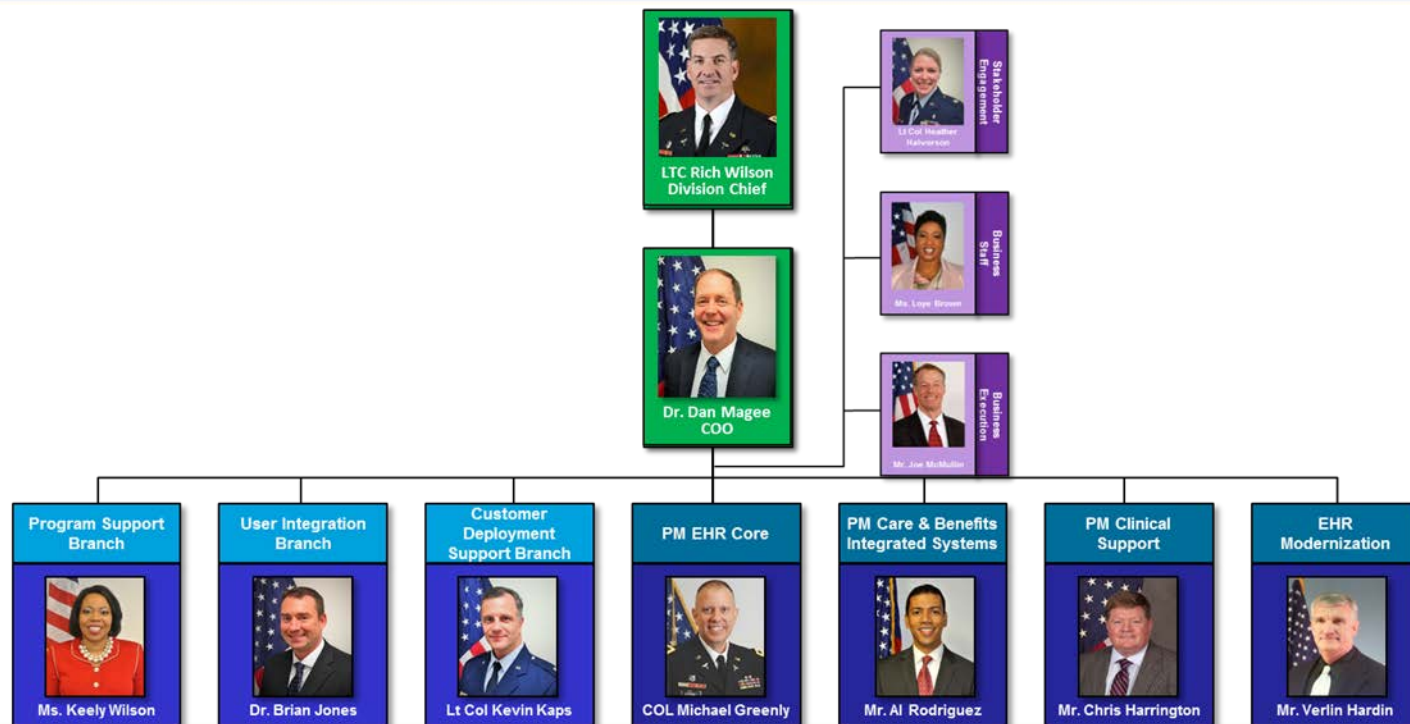
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Health Information Technology Directorate



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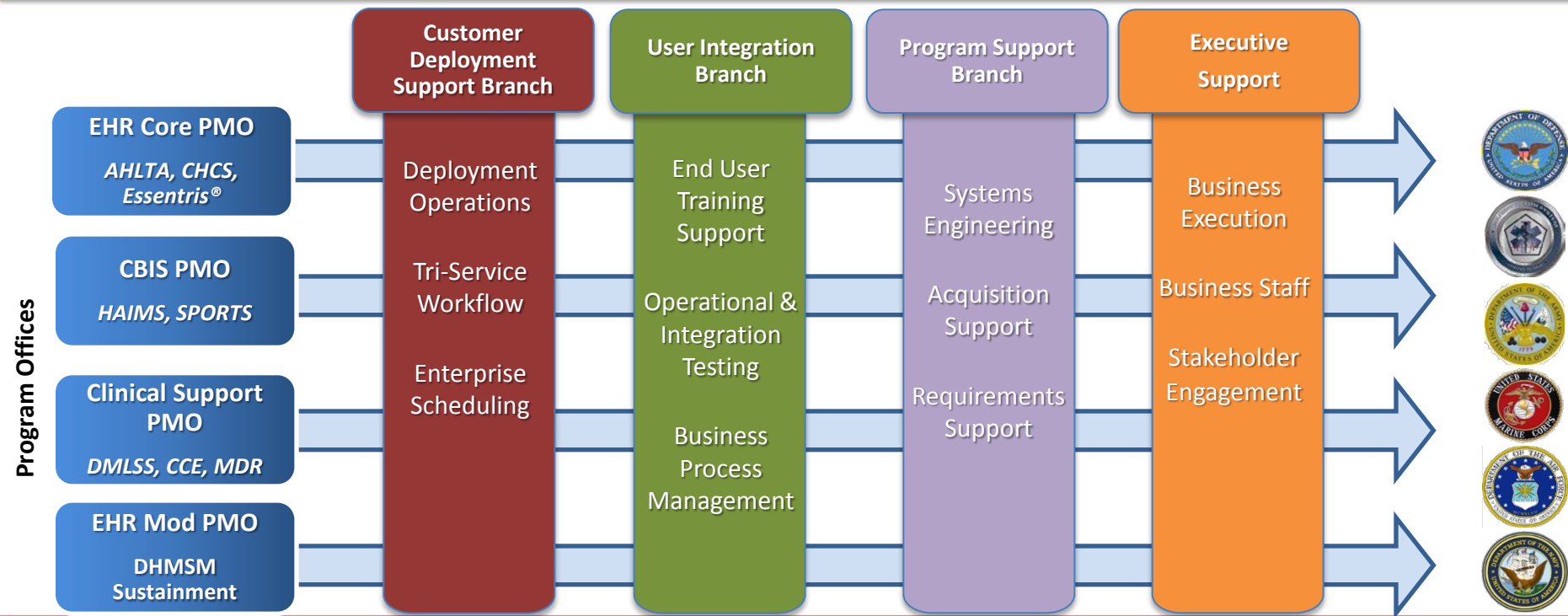
Solution Delivery Division Leadership



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Solution Delivery Division

Logic Model



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Solution Delivery Division

At-A-Glance



■ Solution Delivery Division (SDD) Portfolio

- The SDD portfolio delivers the functional benefits of information technology to drive health care to health
- Global reach in all Military Treatment Facilities
 - 63 Hospitals; 5,519 beds
 - 413 Medical Clinics
 - 375 Dental Clinics

■ Direct impact to MTF operations

- 9.5 million beneficiaries with clinical data
- 95K+ active users, 125K+ end-user devices
- 150K+ new encounters daily
- Process nearly 25K requisitions and \$13M+ in medical supplies and pharmaceuticals daily
- Near real-time global medical surveillance
- Support patient safety, nutrition services, blood programs, occupational health, and more

■ Clinical EHR Solutions

- AHLTA – outpatient EHR
- Essentris® – inpatient EHR
- CHCS – appointing and ancillary
- Secure Messaging and TOL Patient Portal
- EHR Sustainment – transition to new, modernized EHR
- HAIMS – artifacts and images
- EBMS – blood product management

■ Business and Administrative Solutions

- DMHRSi – medical human resources
- DMLSS – medical logistics
- ESSENCE – syndromic medical surveillance
- JCCQAS – credentialing
- iMEDCONSENT – patient consent
- S3 – surgical scheduling
- PSR – patient safety
- eIRB – research support
- CCE – medical coding assistance

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EHR Core Program Management Office



Mission:

To provide and sustain the current, comprehensive electronic health record and related medical systems, embracing the future by collaborating with our government and industry partners to support service members and beneficiaries worldwide.



Solutions Managed

- AHLTA (Outpatient EHR)
- AHLTA Web Print
- Clinical Data Repository (CDR)
- Composite Health Care System (CHCS)
- CoPathPlus
- ePrescribing
- Enterprise Blood Management System (EBMS)
- Essentris® (Inpatient EHR)

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Care & Benefits Integrated Systems Program Management Office



Mission:

To provide an interoperable system that seamlessly captures and shares data to ensure a complete electronic health record from inception through Veteran status.



Solutions Managed

- | | | |
|--|--|---|
| <ul style="list-style-type: none">▪ Health Artifact and Image Management Solution (HAIMS)▪ STR Processing Operations Reporting Tracking Solution (SPORTS)▪ The Interagency Comprehensive Plan for Care Coordination Support (ICPCCS)▪ Joint Disability Evaluation System (JDES)▪ Coagulation Clinic (CoagClinic) | <ul style="list-style-type: none">▪ Veterinary Services Systems Management (VSSM)▪ Anesthesia Recording and Monitoring Device (ARMD)▪ iMedConsent▪ Navy Limited Duty▪ Medical Boards Online Tracking | <h3>Systems (MEDBolts)</h3> <ul style="list-style-type: none">▪ DQ-Navy Clinical Business Intelligence Suite (CBIS)▪ DoD Medical Examination Review Board (DoDMERB)▪ Medical Operational Data System (MODS) |
|--|--|---|

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Clinical Support Program Management Office



Mission:

To provide and sustain clinical support, medical logistics, public health, and resource management information technology capabilities that support the delivery of world-class health care to our Service members and their families.



Solutions Managed

■ Claims Processing

- Armed Forces Billing and Collection Utilization Solution (ABACUS)
- Coding and Compliance Editor (CCE)
- Patient Encounter Processing and Reporting (PEPR)
- TRICARE Encounter Data (TED)

■ Clinical Support

- Centralized Credentials Quality Assurance System (CCQAS/JCCQAS)
- Nutrition Management Information System (NMIS)
- Patient Safety Reporting (PSR)
- Secure Messaging (SM)
- Special Needs Program Management Information System (SNPMIS)

- TRICARE Online (TOL)
- Surgical Scheduling System (S3)
- Defense Occupational and Environmental Health Readiness System – Industrial Hygiene (DOEHS-IH) / Hearing Conservation (DOEHS-HC)

■ Defense Medical Logistics

- Defense Medical Human Resources Systems – internet(DMLSS/DCAM)
- Joint Medical Asset Repository (JMAR)
- Patient Movement Items Tracking System (PMITS)
- Theater Enterprise-Wide Logistics System (TEWLS)
- Spectacle Request Transmission System (SRTS)
- Surgical Instrument Tracking System (Censitrac®)

■ Healthcare Resources

- Defense Medical Human Resources Systems – internet (DMHRSi)

- Workload Management System for Nursing – Internet (WMSNi)
- Bureau of Medicine (Navy) Manpower Information System II (BUMIS II)
- Dental Common Access System (DENCAS)
- Expense Assignment System (EAS IV)
- Electronic Institutional Review Board (eIRB)
- Protected Health Information Management Tool (PHIMT)

■ Medical Analysis / Reporting

- Electronic Surveillance System for the Early Notification of Community-based Epidemics (ESSENCE)
- MHS Data Repository (MDR)
- MHS Management Analysis and Reporting Tool (M2)
- Mobile Integrated Geospatial-Intelligence System (MGIS)
- Navy Medicine Online (NMO)

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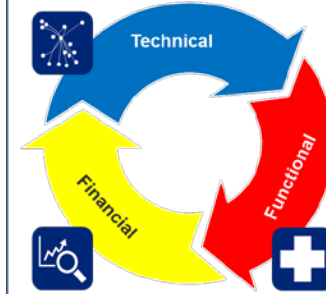
EHR Modernization Program Management Office



Mission:

To provide thoughtful transition from legacy health information technology systems to the new DoD Electronic Health Record.

CROSS-FUNCTIONAL STAKEHOLDERS



Functions Managed

- New EHR (DHMSM) Sustainment
- Transition Application Planning
- Portfolio Rationalization
- Strategic Data Provenance
- Enterprise Portfolio Analysis
- DHA/DHMSM Liaison

Solution Managed

- SEMOSS

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Solution Delivery Division Branches



Customer Deployment Support Branch

Mission

Multiply healthcare capabilities, efficiencies, and strategy through expert IS integration by developing and coordinating DHA IM/IT system deployments.

Key Functions in Support of SDD Program Management Offices

- Deployment Operations
- Tri-Service Workflow
- Enterprise Scheduling

User Integration Branch

Mission

Provide easily accessible, clinically relevant, role-based system training and operational testing based on established Military Health System (MHS) workflow to support the MHS Quadruple AIM by achieving medical readiness, improving the health of its beneficiaries, while enhancing the experience of care.

Key Functions in Support of SDD Program Management Offices

- End User Training Support
- Operational & Integration Testing
- Business Process Management

Program Support Branch

Mission

Provide a team that is capable and accountable for acquisition program support to the program offices applying standard and transparent Acquisition Management.

Key Functions in Support of SDD Program Management Offices

- Systems Engineering
- Acquisition Support
- Requirements Support

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System and Initiative Transfers



- Transfers required to support DHA consolidation
 - NAVMISSA
 - USAMITC
 - AFMSA
 - Other smaller organizations
- Application Transition Board of Directors (AT-BOD) and HIT CC
- Transfer plan identifies programmatics, support and personnel
- CAE Approval for Defense Business Systems

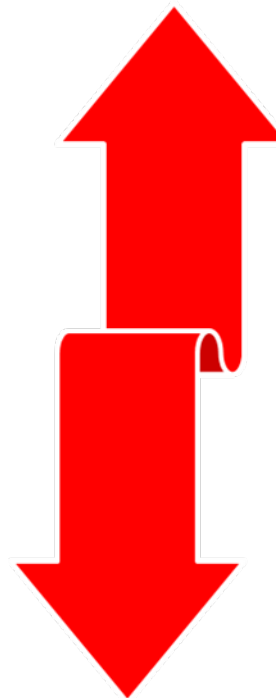
Transferring Systems and Initiatives

Systems

- | | | | |
|---------|------------|------------------|--------------|
| ▪ S3 | ▪ eLN | ▪ PQNS | ▪ ITS |
| ▪ SRTS | ▪ BUMIS II | ▪ VSIMS | ▪ CoagClinic |
| ▪ WMSNi | ▪ NMO | ▪ DENCAS | ▪ MEDBolts |
| ▪ EWA | ▪ VSSM | ▪ DQ-Navy (CBIS) | |

Initiatives

- | | |
|-------------|---------------|
| ▪ AMS | ▪ imedConsent |
| ▪ APP | ▪ ITRM |
| ▪ CensiTrac | ▪ NMel |

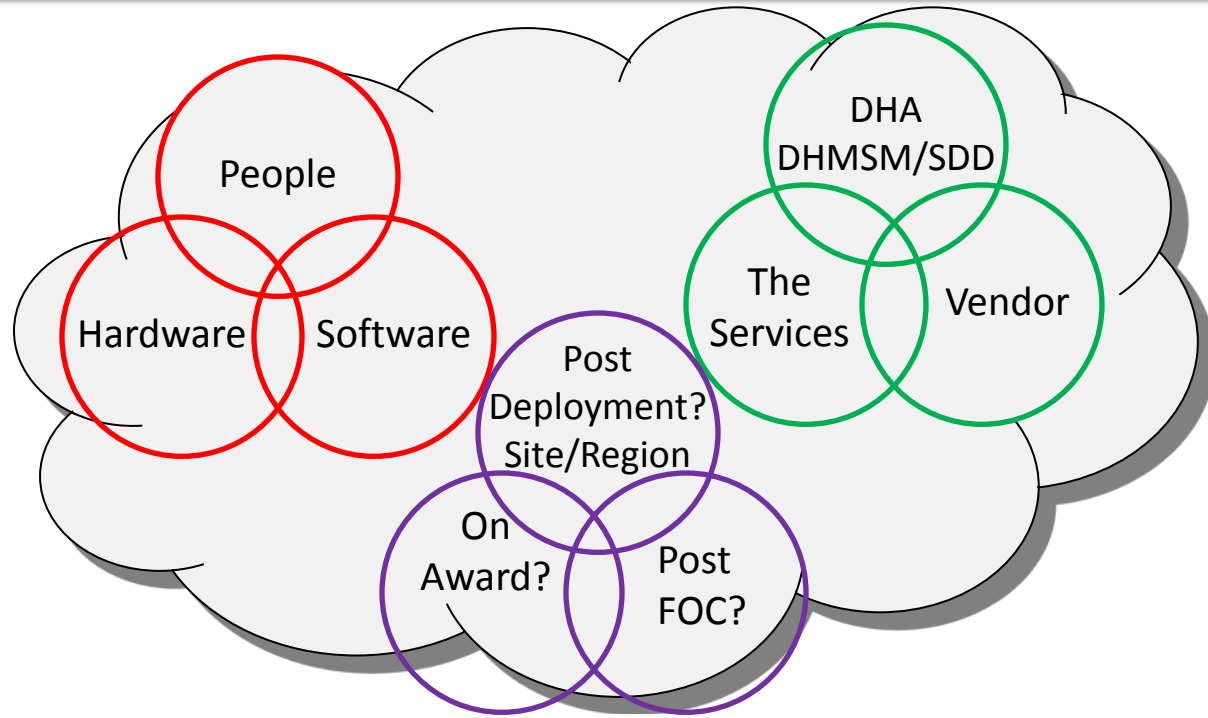


DHMSM EHR Sustainment Responsibilities

What?

Who?

When?



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Solution Delivery Priorities



- Legacy capability sustainment
- Active deployments
 - ABACUS
 - EMBS
- AT-BOD transitions
- Reorganization tasks continue
- EHR Modernization
 - HIT synchronization
 - Sustainment PMO
 - Portfolio rationalization
- Contracting
 - Rationalization
 - Flexibility

The “Why”



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Please complete your evaluations

Contact Information



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Questions?



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